SBR No. 13/24-25
DATED 01.06.2024

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works) Date……2024

No. 1St & Final Bill

Division: **Electrical (yelahanka)** Sub-Division: **Electricals**

Bill Received No. Dated Divisional Cash Book Voucher No…….. Dated……

Sub Divisional **Job Code No :008-24-000008**

Schedule Docket No. Head of Account : **P-CODE: P1828** 0486 D.R.No. :

Name of Work:- Providing LED Lights to Burial Grounds in Yelahanka Zone Ward No 1-14.

Name of Contractor and Full Address: **M/s Ohm Enterprises.**

Reference to Agreement No:- BBMP/EE/ELE/YZ/AGR/000010/2023-24 Date 13/03/2024

Work order No:- EE(Ele)/YZ/W.O/000010/2023-24 Date 13/03/2024

Certified that the measurements were taken by me on 16/05/2024 and recorded of Pages 260805 to 260807 of measurement Book No. 2609/23-24 and that the work is satisfactorily executed.

For OHM ENTERPRISES
Proprietor

Contractor

Officer-in-charge of work

Certified that the measurement were taken by me on 16/05/24 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Assistant Executive Engineer (Ele)
BBMP Bangalore

Sub-Division Officer

II Memorandum of Payment

1)	Total value of work done or supplies made as per account within	1st and Final Bill 573090:00
2)	Deduct amount to be held in reserve being ……percent Rs……	
3)	" Balance	
4)	Deduct Payment:	
	a) Amount of previous payment as in the Office Cash Book Voucher No……Dated……S.D. No…… towards cash advance recovery of	Amount adjusted IT 1.1.5731:00 4699:00; LWC 1.1.5731:00 4699:00; Const 1-1.5731:00 4699:00; Sonst 1-1.5731:00 4699:00; CBT-0.1-1.573:00 470:00; FSD 5-1. 28655:00
	b) Payments Now made cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	48953:00 Deduction 52152:00 By Cheque 524137:00
5)	Balance being unpaid value of work done held in reserve.	
6)	Deduct cash advance made on the Office cash Book Voucher No…… dated……less adjustments.	47921:00
7)	Net amount due to or from Contractor	unadjustments items. 525169:00
8)	Advance to Contractor for materials brought to site (as detailed) within.	
9)	Value of Government materials supplied.	Total amount adjusted - Rs 520938:00

For OHM ENTERPRISES
Contractor's Signature
Proprietor

Received Rs…… (in words)……
……
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

(For use in the Office)

R 0486 Mandate

ಎಸ್ಟಿಮೇಟ್ ಕ ……
ರೂ: 573090:00 ಪೂರ್ತಿ ಮಾಡಿ ಸ್ವೀಕರಿಸಿದ
ರೂ: 525169:00 520938:00
ರೂ: 47921:00 ಚೆಕ್ ನೀಡುವುದಾಗಿದೆ 52152:00
ರೂ: 48953:00 ಕೊಂದುಹಾಕಿ ಮಾಡಿದ

Executive Engineer

ಲೆಕ್ಕ ಪರಿಶೋಧಕರು ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು

Witness
1.
2.

For OHM ENTERPRISES
Proprietor

Dated Signature of Contractor

Paid by me by Cheque No……Dated……

Cash Rs……

Dated……

Initials of Officer making payment

Stamp 524137:00

Sl. No	Description	Unit
	Name Of Work:- Providing LED Lights to Burial Grounds in Yelahanka Zone Ward No 1-14.	
1	Fabricating,supplying and erecting Swaged tubular Pole of height ...m having three sections, and providing two coats of red oxide paint and finished with two coats of enamelled paint of approved quality and colour and M.S.baseplate of suitable size welded at the bottom of the Pole(as per IS) and 40mm dia GI/flexible PVC pipe of 1m length fitted to the heavy gauge polycarbonate control box including 5Way connect or of size 167x125x82mm for 7.5M Pole/200x160x9 mm for remaining length of Pole with front opening cover, with locking arrangements and suitable capacity MCB/DPswitch, ThePole shall be erected in cement concrete work(1:2:4) including excavation and refilling of planting depth of the Pole to the ground level and the coping CC shall be upto 0.6m above ground level as per IS2713-7. 9m (5m Hb,165.1 mm dia 4.85 mm thick x 2m Hm, 139.7 mm dia 4.50 mm thick x 2m Ht,114.3 mm dia 3.65 mm thick) as per IS 410 SP 32	Each
2	Supply of LED floodlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate/clear glass material, delivering superior light output Rated life Burning Hrs 50000 hr @ Lumen Maintenance of UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with ..... W System Power consumption. LED Efficiency> 1301m/w, nominal CRI >75. Luminaire manufacturer should have in- house facility accredited by NABL / CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008. Housing with supplier word mark / name shall be Engraved / Embossing on the die cast housing / Body part Warranty of 2 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer & Cree/Nichia/ Lumileds/Osram make LED Source.LED Floodlight 150W	Each
3	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. And M.S. Flat.....with bolts,washers etc., and painted with 2 coats of red oxide and then two coats of approved paint.40 x 40 x 6 mm	m^3
4	Fixing halogen/metal halide /SVL/IL/LED floodlight fitting over existingpole /wall ceilingincluding clamps, bolts, nutsandwiring using suitable capacity wires.	Each
5	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts, necessary phase separators, handle and wiring complete. Protection of Overload and Short circuit in Thermal Magnetic Release. Micro processor release shall have Earth Fault as per IS-13947. (Icu=100% Ics). In 4P MCCB, all Poles should have protection for Short-Cicrcuit/Over Load.For Microprocessor MCCBS Facility for segregating Priority and Non-Priority loads must be available in the MCCB. MCCB shall be provided with double insulation (insulation between front cover and internal power circuits to avoid any accidental contact with live current carrying path with the front cover open). Multi-pole breakers shall be designed to break all the poles simultaneously and they shall have a single mechanism.FOUR POLE100Amps 25kA.	Each
6	Supply and Installation / Fixing / Provision of Outdoor type Thermoplastic Modular Panel enclosure with transparent Polycarbonate Lid, shock proof, IP65 (Weather Proof), rust proof,dust proof, water proof, corrosion proof having internally Embedded gasket on both lid and flap suitable to fix Single Phase / Three Phase Energy Meter in suitable base plate and having a provision for Fuse / MCB cut-out with suitable transparent hinged flap opening for operating MCB along with complete tamper proof SEALING facility.**300 mm x 300 mm x 214 mm**	Each
7	1.1 kV Class HR (Heat Resistant) PVC Insulated & Sheathed Aluminium Single Core Lead wires as per IS-694: 2010 PVC Wire - **4 Sqmm Weight per 100 Mtr Coil: 2.4 Kg**	Coil
8	1.1 kV, LT Aerial Bunched Cable, XLPE insulation confirming to IS-14255: 1995 3x25 + 1x25 + 1x16 Sqmm Street light (Insulated Messenger cum Neutral)	KM
9	Stringing of 1.1 kV grade Aerial Bunched 3 Core cable of XLPE insulation of size (3x95) (Phase Conductor) + (1x70) (Insulated Messenger Neutral) + (1x25) (Street Light Control	KM
10	Suspension Clamp suitable for insulated Messsenger wire of size 25 to 95 Sqmm	No

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty	Cost	Qty	Rate	Amount	Qty	Cost	
		7	17500.00	122500.00	7.00	122500.00	
		17	14000.00	238000.00	17.00	238000.00	
		10.00	350.00	3500.00	10.00	3500.00	
		17	190.00	3230.00	17.00	3230.00	
		4	9800.00	39200.00	4.00	39200.00	
		4	5200.00	20800.00	4.00	20800.00	
		1	2000.00	2000.00	1.00	2000.00	
		0.58	190000.00	110200.00	0.58	110200.00	
		0.58	38000.00	22040.00	0.58	22040.00	
		7	400.00	2800.00	7.00	2800.00	

CFC

16/05/24

Assistant Executive Engineer (E
BBMP, Bangalore

11	Piercing Connector Suitable for 16 Sqmm - 95 Sqmm AB Cable - Street Light Connection	No
12	Dead End Clamp/Anchor Clamp Assembly 16 to 70 Sqmm Bare Messenger (Exclusive of Pole Clamp and Eye Hook)	No
13	Erection of Suspension Clamp - 25 to 95 Sqmm bare/Insulated messenger	No
14	Installation of Insulation piercing connector for Main to Service Line Main : 16-95 Sqmm, Tap: 4-35 Sqmm (P2X95)	No
15	Fixing of Dead End Clamp	No
	Total Rs (Inclusive 18% GST)	

Certificate: 1. Certefied that the Above Work has been carreid out satisfactorily
2. This Bill amount has not been claimed in any previous bills.

Assistant Executive Engineer (Ele)
BBMP, Bangalore

		10	200.00	2000.00	10.00	2000.00	
		7	270.00	1890.00	7.00	1890.00	
		7	110.00	770.00	7.00	770.00	
		10	150.00	1500.00	10.00	1500.00	
		7	380.00	2660.00	7.00	2660.00	
				573090.00		**573090.00**	

16/05/24

Assistant Executive Engineer
BBMP, Bangalore